

Sankar Desamsetti

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Education

Aditya Engineering College , Surampalem	2019-2023
Bachelor of Technology in Computer Science and Engineering	CGPA : 8.33
Kites Junior College , Atchutapuram	2017-2019
Senior Secondary (class XII) in MPC	CGPA : 9.67

Work Experience

Software Developer Intern - [TECHNICALHUB](#) Oct 2021 – Dec 2021

- Designed and developed a flexible CodeMind Problem Setter Dashboard using HTML, CSS, and Ejs, empowering authenticated users to seamlessly upload and manage coding problems.
- Significantly improved user engagement by implementing the Problem Setter Dashboard, resulting in a notable 10% increase in user interaction.

Skills

Programming Languages	- C++, C , Java , Python , JavaScript, Kotlin
Software Development	- React, Redux, NODE, MONGODB, MySQL, Firebase, Android Studio, Django,
Proficiencies	- Competitive coding , DSA, Microservices
Developer Tools	- Git, VS code, Chrome Storage

PROJECTS

CryptoMan - [GithubLink](#) | React | Firebase | MaterialUI | Chart-js | API's

- Improved the performance of the Crypto Currency data display by seamlessly integrating **Axios** with the CoinGecko API, resulting in real-time and accurate data retrieval for enhanced user experience.
- Implemented secure user authentication using Google Authentication, ensuring secure access to the trading practice feature and reducing login errors by 40% and improved user experience by 50%.
- Leveraged **Firestore** for storing and managing user details, providing a reliable and scalable solution for user data storage in the application.

Blog Website - [GithubLink](#) | HTML | CSS | EJS | NODE | MONGODB

- Developed a feature-rich blog application using EJS, HTML, and CSS, and implemented **server-side rendering** of HTML files through a Node.js server, resulting in a seamless and interactive user experience.
- Integrated **MongoDB Atlas** as the backend database for the blog application, ensuring efficient and secure storage of blog data in the cloud.
- Implemented **CRUD** (Create, Read, Update, Delete) functionality, allowing users to create, edit, and delete blog posts, enhancing the overall usability of the application.

Movie Recommendation System - [GithubLink](#) | Python | TFIDF | CosineSimilarity | Pandas | NumPy

- Converting the description of movie data into numerical data by using TFIDF vectorizer and the Cosine Similarity method to suggest similar movies.

ACHIEVEMENTS

- 4 Star coder at [CODECHEF](#) with maximum rating (1893). [Link](#)
- Achieved AIR 20 in [Atcoder](#) Regular contest 150. [Link](#)
- Pupil at [CODEFORCES](#). [Link](#)
- Green coder at [Atcoder](#). [Link](#)
- Secured 3rd place in SQL query Competition organized by [Oracle Academy](#). [Certificate](#)
- Solved 800+ problems in Leetcode . [Link](#)
- Solved 600+ problems in GeeksForGeeks. [Link](#)
- Ranked below 1400 in [Google Kickstart](#)
- Achieved a 100% completion rate in all five levels of the highly selective [Google Foobar Challenge](#), showcasing advanced coding and problem solving skills.

Course Work

Data Structures and Algorithms, Database Management Systems, Operating Systems, Object Oriented Programming ,Computer Networks, Design and Analysis of Algorithms.